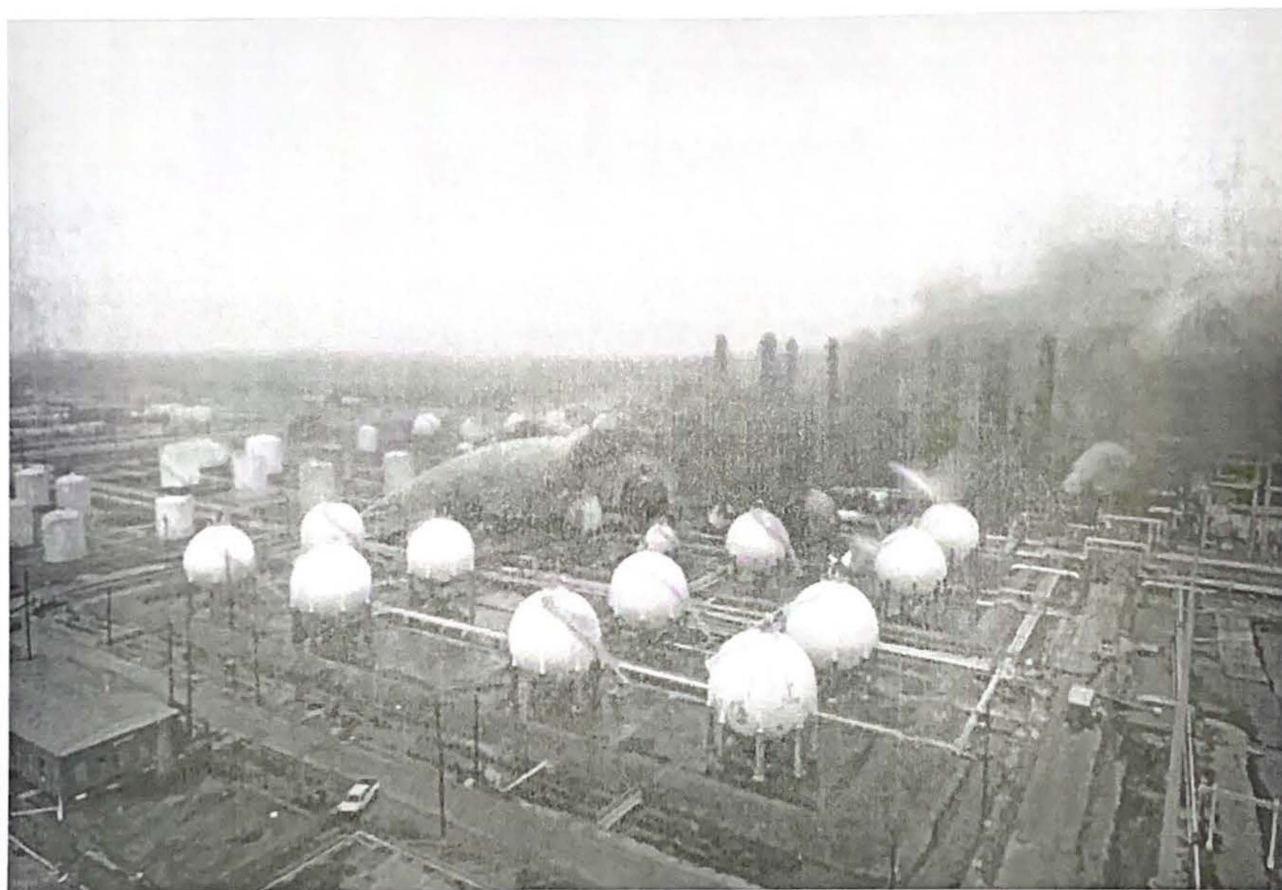






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| IAP Cover Sheet | | Version Name: Period 2 |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] |
| Approved By | | |
| Federal OSC: | Adams, Adam | <i>OK Photoz Review for Adam Adams</i> |
| Jefferson County Judge: | Branick, Jeff | <i>[Signature]</i> |
| State OSC: | Davila, Hope | <i>BSauceda for Hope Davila</i> |
| EOC Manager: | Monk, Troy | <i>by Mike Wright Michael Wright</i> |

Incident Action Plan

DJI_0029.JPG



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| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/19 06:00 - 12/01/19 06:00] | |
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| Weather Report | | | | Version Name: 11/29/2019 1900 Weather | | | |
|--|---|------------------------------------|---|--|--|-------|--|
| Incident Name: South 4 Group Fire | | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | | |
| Present Conditions | | | | | | | |
| Weather Conditions as of 11/29/2019 18:59 | | | | | | | |
| beaumont/port ar station id: MID_KBPT | | | | | | | |
| Temperature: 70° Fahrenheit | | | | Feels Like: 70° Fahrenheit | | | |
| Wind Speed: 13 mph | | | | Dew Point: 68° Fahrenheit | | | |
| Wind Direction (from): SE | | | | Pressure: 30.04 | | | |
| Visibility: 1.75 mile(s) | | | | UV Index: | | | |
| Humidity (%): 94 % | | | | Sunrise: 06:52 | | | |
| Short Description: N/A | | | | Sunset: 17:16 | | | |
| Full Description: Cloudy with Mist and Fog | | | | | | | |
| Current Speed: | | | | Wave Height: | | | |
| Current Direction (to): | | | | Wave Direction: | | | |
| Water Temperature: ° Fahrenheit | | | | Swell Interval: | | | |
| Forecast Date | | | | | Night | | |
| Fri 11/29/2019 |  | 73 F | Mostly Cloudy with Isolated Showers Chance of Precipitation(%): 10% Wind: 11 mph | |  | 66 F | Mostly Cloudy |
| | | | | | | | Chance of Precipitation(%): 7% Wind: 9 mph |
| Sat 11/30/2019 |  | 78 F | Mostly Cloudy with Scattered Showers Chance of Precipitation(%): 38% Wind: 12 mph | |  | 55 F | Partly Cloudy with Scattered Showers |
| | | | | | | | Chance of Precipitation(%): 45% Wind: 8 mph |
| Tides | | | | | | | |
| | Tide | Height | UOM | Time | Tide Station Location | | |
| Sat 11/30/2019 | High | 0.947 | feet | 00:36 | Rainbow Bridge, Tx Us | | |
| | Low | -0.153 | feet | 15:38 | Rainbow Bridge, Tx Us | | |
| Sun 12/01/2019 | High | 0.917 | feet | 01:36 | Rainbow Bridge, Tx Us | | |
| | Low | -0.086 | feet | 16:38 | Rainbow Bridge, Tx Us | | |
| | | | | | | | |
| Weather Report | | | | Prepared By IAP Support, Updated 11/29/2019 18:59 UTC -6:00 PP | | | |
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|--|------------------------------------|--|-------|
| ICS 202 - Incident Objectives | | Version Name: Period 2 | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Objective | | | |
| Ensure the Safety of the Public and Response Personnel | | | |
| Maximize Protection of Environmentally-Sensitive Areas | | | |
| Stabilize the Incident and Protect Unaffected Assets and Physical Infrastructure | | | |
| Contain, Recover and Dispose of Spilled Material | | | |
| Manage Coordinated Response Effort | | | |
| Keep Stakeholders, Local Government, and Public Informed of Response Activities | | | |
| Operational Period Command Emphasis (Safety Message, Priorities, Key Decisions/Directions) | | | |
| <p>Ensure proper site safety plan and risk analysis when conducting tactics.</p> <p>Support mandatory evacuation/shelter in place.</p> <p>Support rehab for first responders.</p> <p>Maintain situational awareness.</p> <p>Establish estimated inventory of remaining product.</p> <p>Maintain an inventory of fire fighting water volume and remaining containment capacity. Maintain record of fire suppression foam being used and remaining inventory.</p> <p>Establish and maintain an approved air monitoring plan with a public health component.</p> <p>Establish and maintain Document Retention, especially in regards to decision making documents.</p> <p>People, Environment, Assets, Reputation</p> <p>Prioritize the prevention of product or sheen from being discharged into the Neches River.</p> | | | |
| ICS 202 - Incident Objectives | | Prepared By IAP Support, Updated 11/29/2019 16:16 UTC -6:00 PP | |
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|--|------------------------------------|--|--------------|
| ICS 202a - Command Direction | | Version Name: Period 2 | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Priorities | | | |
| People (Life Safety) | | | |
| Assets | | | |
| Environment Protection | | | |
| Incident Stabilization | | | |
| Protect Transportation Infrastructure | | | |
| Waterway Management | | | |
| Public and Stakeholder Engagement | | | |
| Evidence Preservation | | | |
| Property Preservation | | | |
| Society Restoration/Business Continuity | | | |
| Information Management | | | |
| Resumption of Commerce | | | |
| Reputation | | | |
| Limitations and Constraints | | | |
| <ul style="list-style-type: none"> Weather Conditions <ul style="list-style-type: none"> Temperature inversion forecasted, pushing air down Night Operations <ul style="list-style-type: none"> Continue with fire suppression and maintain exclusion zone Location of the Incident <ul style="list-style-type: none"> Established Availability/shortfall of Resources <ul style="list-style-type: none"> Possible support resources and services may be limited due to holiday Transportation/Logistics <ul style="list-style-type: none"> Logistics Section Chief Support Infrastructure <ul style="list-style-type: none"> Jefferson County Permits (Authorization to apply Alternate Response Techniques) <ul style="list-style-type: none"> No need. Wildlife activities (fish, birds, etc.) <ul style="list-style-type: none"> No reports currently. Access to Shoreline (Private vs Public Lands) <ul style="list-style-type: none"> Contact Rhonda Murgatroyd at conclusion of Objectives Meeting Spilled Material Characteristics (monitoring/PPE requirements) Public Health Community/Media Perception <ul style="list-style-type: none"> JIC and Media Staging being established. Inquiry management plan. Changes in Evacuation or SIP orders asordered by Jefferson County Judge Evidence Preservation <ul style="list-style-type: none"> Pending Delegation of Authority Limitations Work/rest Rotation Requirements <ul style="list-style-type: none"> Acadian Ambulance Disposal of Waste <ul style="list-style-type: none"> Pending Jurisdictional Issues <ul style="list-style-type: none"> Unified Command established. | | | |
| ICS 202a - Command Direction | | Prepared By IAP Support, Updated 11/29/2019 11:52 UTC -6:00 PP | |
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|--|------------------------------------|--|-------|
| ICS 202a - Command Direction | | Version Name: Period 2 | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Key Decisions and Procedures | | | |
| Key Decisions | | | |
| <ul style="list-style-type: none">• Makeup of UC - Federal, State, Local, & RP• Name of Incident = South 4 Group Fire• Overall Response Organization - Staffing<ul style="list-style-type: none">◦ Operations Section Chief & Deputy OSC = TPC◦ Planning Section Chief & Deputy PSC = TPC◦ Logistics Section Chief = TPC◦ Finance Section Chief = TPC◦ Safety Officer = TPC◦ Public Information Officer = TPC◦ Liaison Officer = TPC◦ Environmental Unit Leader = TPC <p>Note: section chiefs have full authority on filling positions; however, ensure agencies are integrated into the organization</p> <ul style="list-style-type: none">• Command Post - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705• Joint Information Center - Holiday Inn & Suites, 3950 IH 10, Beaumont, TX 77705• Operational Period and work hours - 24 Hour Ops Period from 0600hrs to 0600hrs• All external releases of information should be approved by UC (Press releases and press conferences)• Any resource request over \$10,000(pending logistics) should be approved by EOC Manager• Any issues around waterway management will be coordinated by CG | | | |
| Procedures | | | |
| <ul style="list-style-type: none">• Resource Requests / Ordering Process (ICS 213 RR) - Beginning 0600 November 28th• Press Releases / External Reporting Procedures - Done• External Reporting Review & Approval Process - Planning Cycle• Operational Security Process - TRG Lanyards and Badges• Documentation Process and Guidelines - IAP Software, following document retention• Finance Operating Guidelines - Is deployed• Claims Process - Number established - (866) 601-5880• Demobilization Process - Pending• Shoreline Cleanup Assessment Techniques - As applicable | | | |
| ICS 202a - Command Direction | | Prepared By IAP Support, Updated 11/29/2019 11:52 UTC -6:00 PP | |
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| ICS 202b - Critical Information Requirements | | Version Name: Period 2 | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| <p>Critical Incident Reporting Threshold (Critical Information Reports):</p> <p>Notify Unified Command Immediately for any of the Following:</p> <ul style="list-style-type: none"> • Injury Beyond First Aid or Death • Evacuations <ul style="list-style-type: none"> ◦ Any change to evacuation/SIP order • Any Air Monitoring Results Exceeding Action Levels <ul style="list-style-type: none"> ◦ Working on air monitoring plan • Critical Response Equipment Status Change • Change in the Source Status • Critical Weather Events • Public infrastructure closures (parks, boat ramps, railroads, roads, etc.) • Protests / Demonstrations • Significant Security Issues • Breach of Safety Zone • VIP Visits • Dead or Oil Impacted Wildlife • Adverse Media Coverage or Stakeholder Input • Affected Public Seeking Medical Attention • Significant Response Events • Impacts to Commerce • Any unaccounted for, or unauthorized personnel in the field • Special requests from agencies • Impacts to Water Intake of the Neches River <ul style="list-style-type: none"> ◦ Release of sheen or product to the Neches River • When containment level of any area reaches critical levels | | | |
| <p>ROUTINE REPORTING:</p> <p>Situation Unit:</p> <ul style="list-style-type: none"> • Progress Report ICS-209 Incident Status Summary (Daily Report - 1800hrs) • Live Common Operating Picture (Displays - Ongoing) • Spot Weather Report, Trajectories & Meeting Schedule (Displays - Hourly) <ul style="list-style-type: none"> ◦ Command and General Staff Meeting - 1900hrs at new ICP (Rest of Meeting Schedule to follow) <p>Operations:</p> <ul style="list-style-type: none"> • Operational Status Update prior to Objectives Meeting & Key Trigger Points in the response (Milestones/Operational Constraints/Challenges/Future OPS) from OSC/PSC/Logistics) - (Briefing) • Fire water reportout including fire water runoff/discharged to both wastewater treatment and outfall - (0600 Operations Briefing) <p>Liaison Officer:</p> <ul style="list-style-type: none"> • Agencies assigned to incident listing (Report - 0800hrs) • Adversely impacted & involved stakeholders listing (Report - 0800hrs) <p>Public Information Officer:</p> <ul style="list-style-type: none"> • Media Talking Points from PIO (Daily Report - 0800hrs) • PIO to report on media climate (Report/Briefing - 0800hrs) <p>Finance:</p> <ul style="list-style-type: none"> • Burn Rate from Finance (Report - 0800hrs) • Updated claims information (Report - 0800hrs) | | | |
| ICS 202b - Critical Information Requirements | | Prepared By IAP Support, Updated 11/29/2019 16:10 UTC -6:00 PP | |
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| ICS 204 - Assignment List | | | Group: Air Operations Group | | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | |
| Operations Personnel | | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift | |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | | |
| Air Ops Group Supervisor | Cameron, Chris | The Response Group | 832-493-2437 | | |
| Air Ops Group Supervisor | Coleman, Bob | The Response Group | 832-493-1485 | | |
| Air Ops Group Supervisor | Lindsey, David | The Response Group | (b) (6) | | |
| Resources Required | | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size | |
| Air Operations Group | Aircraft: UAV | Aircraft: UAV | 2 each | | |
| Air Operations Group | Manpower: Responder | UAV Observer | 2 each | | |
| Air Operations Group | Manpower: Operator | UAV Pilot | 2 each | | |
| Assignments | | | | | |
| Conduct overflights to maintain situational awareness and progression of the spilled materials with UAS. | | | | | |
| Communications | | | | | |
| Name / Function | | Contact Details | | | |
| Coleman, Bob | | m:832-493-1485 w:985-400-5444 | | | |
| Special Site-Specific Safety Considerations | | | | | |
| Awareness of surroundings while in flight | | | | | |
| | | | | | |
| ICS 204 - Assignment List | | | Updated 11/29/2019 18:21 UTC -6:00 | | |
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| ICS 204 - Assignment List | | | Group: Security Group | | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | |
| Operations Personnel | | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift | |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | | |
| Supervisor | Jeffersone County OEM | | | | |
| Resources Required | | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size | |
| Security Group | Vehicle | Security Vehicle | 34 each | | |
| Security Group | Security Guard | Law Enforcement Officer | 46 each | | |
| Assignments | | | | | |
| Restrict access to affected areas and work areas. 46 local law enforcement officers on scene during this operational period. | | | | | |
| Special Site-Specific Safety Considerations | | | | | |
| Ensuring barricades are maintained | | | | | |
| | | | | | |
| ICS 204 - Assignment List | | | Updated 11/29/2019 18:23 UTC -6:00 | | |
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|--|------------------------------------|---|--|-------------------|
| ICS 204 - Assignment List | | | Group: Fire Suppression Group | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Operations Personnel | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | |
| Fire Suppression Supervisor | Holley, Chad | TPC Group | | |
| Fire Suppression Group Supervisor | Williams, James | TPC Group | | |
| Resources Required | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size |
| Fire Suppression Group | Fire Monitor | Fire Monitor | 4 each | |
| Fire Suppression Group | Vehicle: Fire Engine | Pumper Truck | 2 each | |
| Fire Suppression Group | Fire Fighters | Fire Fighters | 25 each | |
| Fire Suppression Group | Fire Pumps | Fire Pumps | 4 each | cubic feet/minute |
| Fire Suppression Group | Vehicle: Fire Engine | Ladder Truck (Tower) | 2 each | |
| Fire Suppression Group | Decon Trailer | Decon Trailer | 1 each | feet |
| Fire Suppression Group | Trailer | Person Rehab Trailer | 1 each | feet |
| Fire Suppression Group | Fire Fighting Foam | Vapor Suppression Foam | 6 gallon(s) | |
| Assignments | | | | |
| Conduct response activities per the Facility Response Plan. | | | | |
| Consider wind speed, direction and heading to manage smoke. | | | | |
| Implement IR thermal imaging via UAS to determine source and extent of fire. Coordinate with personnel blocking valve(s) and controlling source(s). Determine the condition to isolate the source(s). | | | | |
| Establish ingress. Maintain the established primary and secondary boundaries and rally point at the site. | | | | |
| Evaluate use of foam as a proactive tactic for vapor and/or fire suppression. | | | | |
| Utilize 6 manned/unmanned fire monitors and other resources to apply water/foam to extinguish fire. Upon extinguishment of fire, continue applying water to the site and adjacent areas to ensure cooling and prevent re-ignition. | | | | |
| Coordinate decontamination needs of the affected area, personnel and equipment. | | | | |
| Continue to utilize available portable fire pumps and fire apparatus to assist firefighting efforts. | | | | |
| Special Instructions | | | | |
| Use proper PPE and maintain communications at all times. | | | | |
| Communications | | | | |
| Name / Function | | Contact Details | | |
| Safety / Safety | | Safety 1 | | |
| Multi Agency Radio / | | Multi Agency Radio 4 | | |
| Special Site-Specific Safety Considerations | | | | |
| Wear full bunker gear with SCBA. Stay up wind of the smoke plume. Maintain visual on the fire. | | | | |
| | | | | |
| ICS 204 - Assignment List | | | Updated 11/29/2019 18:24 UTC -6:00 | |
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| ICS 204 - Assignment List | | | Group: Air Monitoring Group | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Operations Personnel | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | |
| Supervisor | Gilliam, Chance | CTEH | (b) (6) | |
| Resources Required | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size |
| Air Monitoring Group | Equipment: Safety | Benzen Tubes | 10 each | |
| Air Monitoring Group | Pickup Truck | Pickup Truck | 10 each | |
| Air Monitoring Group | Air Monitor - MultiRAE | Air Monitor - MultiRAE | 8 each | |
| Air Monitoring Group | Air Monitor - UltraRAE | Air Monitor - UltraRAE | 8 each | |
| Air Monitoring Group | Air Monitoring Technician | Air Monitoring Technician | 14 each | |
| Air Monitoring Group | Equipment: Safety | Butadiene Tubes | 10 each | |
| Assignments | | | | |
| <p>All Air Monitoring activities are to be conducted in accordance with the Air Monitoring Plan. For all areas as directed for both day and night shift as safe to do so. Continuous and roving detecting air gas monitoring to be conducted by trained gas testing personnel using multi-gas monitors.</p> <p>Ambient air sampling will continue in the 4-mile radius area as it has since the incident began. Technicians will shift to any areas where sampling results indicate elevated results.</p> <p>Water sampling will continue with the locations established on 11/28. Ambient air sampling technicians will accompany any boat crews as sampling is performed.</p> <p>Conduct real-time air monitoring with off-site and on-site air monitoring stations in order to monitor the community and personnel with MultiRAEs and AreaRAEs. AreaRAE units will be deployed at fixed locations and readings will be monitored in a centralized location by the Air Monitoring Group to allow for rapid recognition, communication and response to changing conditions.</p> <p>Ensure future deployment locations are established based on plume projections.</p> <p>Report to Safety and Operations on established schedule except for action level exceedances which should be reported immediately.</p> <p>If sustained detections of readings are observed, personnel will be instructed to deploy to site to confirm the detection with a secondary hand held real time instrument. Monitor changing environmental conditions and notify operations supervisors of any unsafe conditions. Data managers onsite will provide data summaries and support.</p> | | | | |
| Special Instructions | | | | |
| Use proper PPE. Report any changes to operation section. | | | | |
| Communications | | | | |
| Name / Function | | Contact Details | | |
| Safety / Safety | | Safety 1 | | |
| Multi Agency Radio | | Multi Agency Radio 4 | | |
| Special Site-Specific Safety Considerations | | | | |
| Wear SCBA while in the hot zone. Stay out of smoke plume Leave area with high readings. | | | | |
| | | | | |
| ICS 204 - Assignment List | | | Updated 11/29/2019 18:25 UTC -6:00 | |
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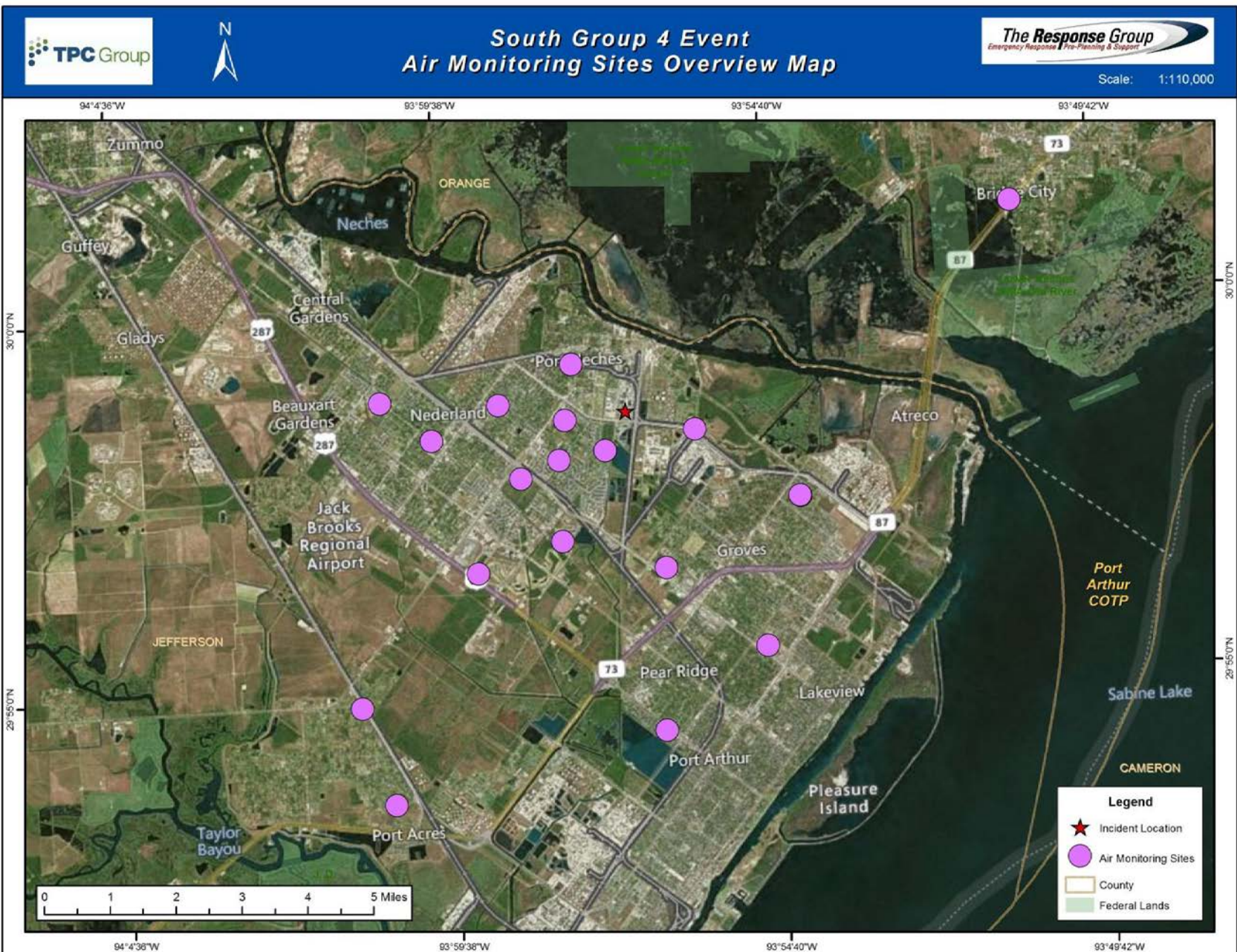
ICS 204 - Assignment List

Group: Air Monitoring Group

Incident Name: South 4 Group Fire

Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00]

20191129 Air Monitoring Overview Map



ICS 204 - Assignment List

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| ICS 204 - Assignment List | | | Group: Protection Group | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Operations Personnel | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | |
| Supervisor | Garritt, Rickie | Clean Harbors Environmental Service Inc. (CHES) | (b) (6) | |
| Recovery & Protection Branch Director | Blanchard, Cory (Clean Harbors) | Clean Harbors Environmental Service Inc. (CHES) | | |
| Resources Required | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size |
| Protection Group | Boom | Boom | 2500 feet | in |
| Protection Group | Spill Tech | Spill Tech | 6 each | |
| Protection Group | Response Boat | Response Boat | 1 each | feet |
| Protection Group | Jon Boat | Jon Boat | 2 each | feet |
| Assignments | | | | |
| <p>Recovery & Protection Branch is made up of personnel from Clean Harbors OSRO = Clean Harbors Subcontractor = Resolute Environmental</p> <p>Maintain: Containment boom will be utilized for protection of priority areas as identified. Environmental Unit and spill trajectories will be identified upon assessment. Conduct boom maintenance (inspect and/or replace) and assist with waterway booming per direction from Recovery & Protection Branch Director. Monitor boom integrity during night operations if safe to do so. Pre-stage boom at designated sites for rapid field deployment as necessary.</p> <p>Any ineffective strategies or boom failures will be immediately reported to the Recovery & Protection Branch Director.</p> <p>Be aware of weather constraints and adjust accordingly. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in conditions with Branch Director.</p> <p>Dead or impacted wildlife should be immediately reported documented, location noted and possibly collected as evidence.</p> | | | | |
| Special Instructions | | | | |
| Proper PPE and PFDs while working within 3' of water. | | | | |
| Communications | | | | |
| Name / Function | | Contact Details | | |
| Safety / Safety | | Safety 1 | | |
| Special Site-Specific Safety Considerations | | | | |
| Be aware of wildlife while working around/near water and high grassy areas. | | | | |
| ICS 204 - Assignment List | | | Updated 11/28/2019 17:24 UTC -6:00 | |
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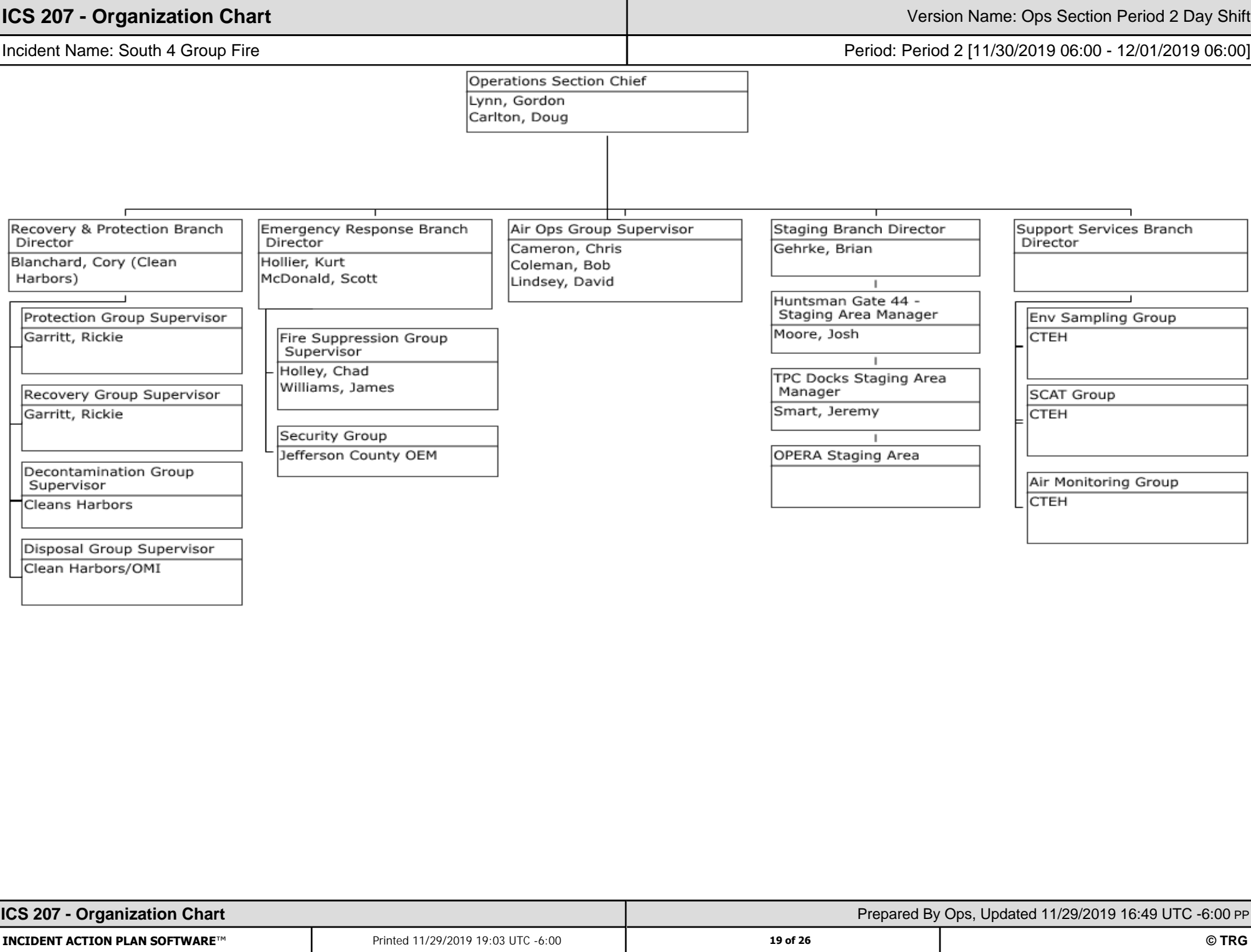
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| ICS 204 - Assignment List | | | Group: Recovery Group | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Operations Personnel | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | |
| Product Recovery Group Supervisor | Garritt, Rickie | Clean Harbors Environmental Service Inc. (CHES) | (b) (6) | |
| Resources Required | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size |
| Recovery Group | Boom | Boom | 2500 feet | in |
| Recovery Group | Vacuum Truck | Vacuum Truck | 4 each | barrel (s) |
| Recovery Group | Jon Boat | Jon Boat | 7 each | feet |
| Recovery Group | Response Boat | Response Boat | 3 each | feet |
| Recovery Group | UTV | UTV | 2 each | |
| Recovery Group | Pumps | 6" Transfer Pump | 1 each | |
| Recovery Group | Construction Materials/Supply | Equipment mats | 70 each | |
| Recovery Group | Fork Lift | Fork Lift | 1 each | |
| Recovery Group | Sorbent: Boom | Sorbent: Boom | 2500 feet | inch (es) |
| Recovery Group | Skimmer | Drum Skimmer | 18 each | barrel (s)/day |
| Recovery Group | Wash Pump | 2" Wash Pump | 16 each | cubic feet/min ute |
| Recovery Group | Spill Tech | Spill Tech | 47 each | |
| Recovery Group | Light Plants | Light Plants | 1 each | |
| Assignments | | | | |
| <p>Product Recovery is made up of Clean Harbors and Resolute Environmental personnel.</p> <p>Product Recovery response teams will contain and recover heaviest concentrations of free-floating product. Coordinating with skimmer operations to focus on heaviest concentrations of product.</p> <ul style="list-style-type: none"> - 201 Outfall - Vactruck - Pine St. - Debris removal - Orchard Ave. -Vactruck and debris removal <p>A debris removal task force will work up and down the canal to recover debris, bag up and transport to dispsol area.</p> <p>Perform continuous air monitoring and communicate changes in environmental conditions with Group Supervisor. Anticipate movement of the spill based on trajectory.</p> <p>Be aware of weather constraints and adjust accordingly based on conditions and operational parameters of skimming equipment. If weather deteriorates to an unsafe condition proceed to nearest safe area. Communicate changes in condition to Group Supervisor.</p> <p>Offload recovered product to storage assets as needed. Follow Disposal Plan and coordinate with Disposal Group Supervisor as required.</p> <p>Upon completion of assigned task, follow Decontamination Plan to implement decontamination procedures.</p> <p>Report all wildlife impacts to supervisor immediately.</p> | | | | |
| ICS 204 - Assignment List | | | Prepared By IAP Support, Updated 11/28/2019 18:02 UTC -6:00 PP | |
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| ICS 204 - Assignment List | | Group: Recovery Group | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| Communications | | | |
| Name / Function | | Contact Details | |
| Safety / Safety | | Safety 1 | |
| Special Equipment / Supplies Needed for Assignment | | | |
| Dip nets for debris removal | | | |
| Special Site-Specific Safety Considerations | | | |
| Maintain awareness of surroundings with wildlife in and around the water. Monitor weather conditions and seek shelter in the event of bad weather. | | | |
| | | | |
| ICS 204 - Assignment List | | Prepared By IAP Support, Updated 11/28/2019 18:02 UTC -6:00 PP | |
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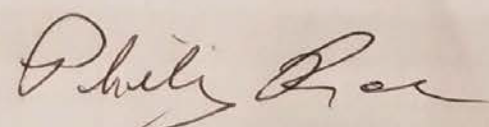
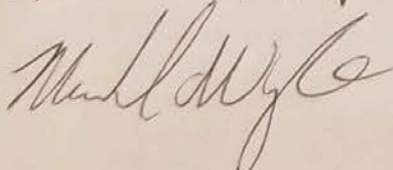
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|---|------------------------------------|---|--|------------|--|
| ICS 204 - Assignment List | | | Group: Disposal Group | | |
| Incident Name: South 4 Group Fire | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | |
| Operations Personnel | | | | | |
| Position | Name | Affiliation | Contact Number(s) | Work Shift | |
| Recovery & Protection Branch Director | Harbor, Clean | Clean Harbors Environmental Service Inc. (CHES) | | | |
| Recovery & Protection Branch Director | Clean Harbors | | | | |
| Resources Required | | | | | |
| Area Of Operation | Resource Kind | Description | Quantity | Size | |
| Disposal Group | Frac Tank | Frac Tank | 32 each | bbls | |
| Disposal Group | Roll Off | Roll Off | 12 each | feet | |
| Disposal Group | Manpower: Responder | Waste Specialist | 3 each | | |
| Assignments | | | | | |
| <p>All disposal activities will be conducted in accordance with the approved Disposal/Waste Management Plan and established Federal, State and Local regulations.</p> <p>Setup collection sites and deploy personnel to collect, dispose of, measure, document, and account for all waste streams with one HAZMAT Technician at each location per 12-hour shift (24 hours a day). HAZMAT Techs will maintain waste manifest and mass balance and report to supervisors as directed.</p> <p>All contractors to provide information tracking, e.g. bills of lading, for waste types and volumes by collected location.</p> <p>Coordinate storage, labeling, access, and inventory of waste containers in their respective waste streams:</p> <ul style="list-style-type: none">-Oily liquids (free floating oil, oil emulsions, decon wash water)-Oily Solids (sand, vegetation, absorbents, ppe, debris)-Non-Oiled Solids (general trash)-Recyclables | | | | | |
| Special Instructions | | | | | |
| Use PPE and PFD within 3' of water. | | | | | |
| Communications | | | | | |
| Name / Function | | Contact Details | | | |
| Safety / Safety | | Safety 1 | | | |
| Special Site-Specific Safety Considerations | | | | | |
| Maintain awareness of surroundings while in wildlife. Ensure proper labeling of waste | | | | | |
| | | | | | |
| ICS 204 - Assignment List | | | Prepared By IAP Support, Updated 11/29/2019 18:27 UTC -6:00 PP | | |
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|--|---|-------------------------------------|----------------|--|-------------------------------------|--------------------------|-------------------------------------|-------------------------------------|
| ICS 206 - Medical Plan | | | | Version Name: Period 2 | | | | |
| Incident Name: South 4 Group Fire | | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | | | |
| Medical Aid Stations | | | | | | | | |
| <i>Name</i> | <i>Location</i> | <i>Paramedic On Site</i> | <i>Phone</i> | <i>Radio</i> | | | | |
| Medical Resources - Gate 44 | 29.964087, -93.946737 | <input checked="" type="checkbox"/> | | | | | | |
| Transportation (Ground and/or Air Ambulance Services) | | | | | | | | |
| <i>Ambulance Service</i> | <i>Location</i> | <i>Phone</i> | <i>Radio</i> | <i>Air</i> | <i>ALS</i> | | | |
| Acadian Ambulance - Port Arthur (409-980-7740) | Port Arthur, TX | Ph1: 409-980-7740 | 800 Meg System | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Beaumont EMS | Beaumont, TX | Ph1: 409-880-3901 | 155.340 | <input type="checkbox"/> | <input checked="" type="checkbox"/> | | | |
| Southeast Texas Air Rescue | | | | <input type="checkbox"/> | <input type="checkbox"/> | | | |
| Hospitals | | | | | | | | |
| <i>Hospital</i> | <i>Location</i> | <i>Phone</i> | <i>Radio</i> | <i>Air Travel Time</i> | <i>Ground Travel Time</i> | <i>Trauma Center</i> | <i>Helipad</i> | <i>Burn Center</i> |
| UTMB Galveston | 301 University Blvd Galveston, TX 77755 29.312199, -94.77902 | | | | | I | <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> |
| The Medical Center Of Southeast Texas | 2555 Jimmy Johnson Blvd Port Arthur, TX 77640 29.934952, -93.985008 | 409-853-5900 | | | | IV | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Baptist Beaumont Hospital | 3080 College Street Beaumont, TX 77701 30.068474, -94.120255 | 409-212-5012 | | | | III | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| Christus Southeast Texas- St Elizabeth | 2830 Calder Avenue Beaumont, TX 77702 30.085583, -94.131699 | 409-892-7171 | | | | II | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | | | | | | | | |
| ICS 206 - Medical Plan | | | | Prepared By IAP Support, Updated 11/29/2019 14:45 UTC -6:00 PP | | | | |
| INCIDENT ACTION PLAN SOFTWARE™ | Printed 11/29/2019 19:03 UTC -6:00 | | 17 of 26 | | © TRG | | | |

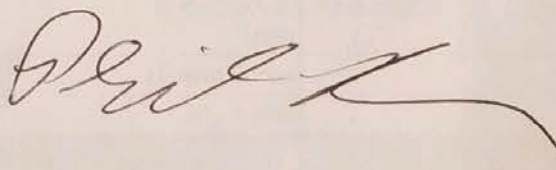

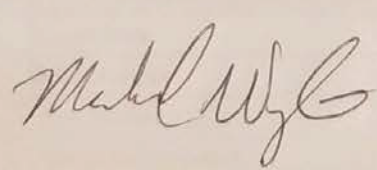
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| ICS 206 - Medical Plan | | Version Name: Period 2 | |
| Incident Name: South 4 Group Fire | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | |
| <p align="center">Special Medical Emergency Procedures</p> | | | |
| <p>**Medic Unit at gate 44 is dedicated to incident only**</p> <p>Acadian AirMed 21, dedicated to this incident, is stationed at Groves Fire Department. Any patients needing helicopter transport will be transported by ground to that location. Acadian Dispatch must be contacted to verify whether aircraft can fly before patient is transported. 409-980-7740.</p> <p>911 ops not impacted by incident, call 911 for medical response as normal</p> <p>Contact Info:</p> <p>EMS Group Supervisor: Eddie Burleigh 337-278-1268 Acadian Ambulance - Port Arthur (409-980-7740)</p> <p>EMS Deputy Group Supervisor: Monica Birdsong 409-201-9403 Acadian Ambulance - Port Arthur (409-980-7740)</p> <p>EMS Deputy Group Supervisor: Andrew Tucker (b) (6) Acadian Ambulance - Port Arthur (409-980-7740)</p> <p align="center">EMERGENCY MEDICAL PROCEDURES</p> <p align="center">In the event of a medical emergency provide the following information to the Communications Unit.</p> <ol style="list-style-type: none"> 1. Declare the nature of the emergency. <ul style="list-style-type: none"> ◦ Medical injury/illness? ◦ If injury/illness, is it Life Threatening? 2. If Life Threatening, then request that the designated frequency be cleared for emergency traffic. 3. Identify the on-scene Point of Contact (POC) by Resource and Last name. 4. Identify nature of incident, number injured, patient assessment(s) and location (geographic and GPS coordinates). 5. Identify on-scene medical personnel by position and name. 6. Identify preferred method of patient transport. 7. Request any additional resources and/or equipment needed. 8. Document all information received and transmitted on the radio or phone. 9. Identify any changes in the on-scene Point of Contact or medical personnel as they occur. | | | |
| ICS 206 - Medical Plan | | Prepared By IAP Support, Updated 11/29/2019 14:45 UTC -6:00 PP | |
| INCIDENT ACTION PLAN SOFTWARE™ | Printed 11/29/2019 19:03 UTC -6:00 | 18 of 26 | © TRG |



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|-------------------------------------|---|----------------------------|--------------|--|----------------------------------|------------------------------------|--------------|
| ICS 208 - Site Safety Plan | | | | Version Name: 11/28/19-Site Safety Plan | | | |
| Incident Name: South 4 Group Fire | | | | Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00] | | | |
| Training | | | | | | | |
| <input checked="" type="checkbox"/> | Verified site workers trained per local/federal regulatory requirements | | | Training Requirements | | Annual Emergency Response Training | |
| Organization | | | | | | | |
| <i>Position</i> | | <i>Name</i> | | <i>Telephone/Radio</i> | | <i>Position</i> | |
| Incident Commander | | McDonald, Scott | | (b) (6) | | Operations Section Chief | |
| Safety Officer | | Clifton, Chrisy | | (b) (6) | | | |
| | | | | | | | |
| Emergency Plan | | | | | | | |
| <input type="checkbox"/> | Fire Prevention Plan | | | <input checked="" type="checkbox"/> | Evacuation Plan | | |
| <input type="checkbox"/> | Alarm System | | | <input checked="" type="checkbox"/> | First Aid Location | | |
| Notifications | | | | | | | |
| <i>Facility</i> | | <i>Phone</i> | | <i>Facility</i> | | <i>Phone</i> | |
| <input checked="" type="checkbox"/> | Hospital | Medical Center of SETX | 409-853-5900 | <input checked="" type="checkbox"/> | Fire | Port Neches Fire Department | 409-853-5900 |
| <input checked="" type="checkbox"/> | Ambulance | Acadian EMS | 800-259-1111 | <input type="checkbox"/> | Law Enforcement | | |
| <input checked="" type="checkbox"/> | Air Ambulance | Southeast Texas Air Rescue | | <input type="checkbox"/> | Emergency Response/Rescue | | |
| Initial Briefing | | | | | | | |
| <input type="checkbox"/> | Initial safety briefing prepared for each site | | | | | | |
| Attachments/Appendices | | | | | | | |
| Attachment | | | | Filename | | | |
| TPC_Boom Placement Imagery.PNG.png | | | | TPC_Boom Placement Imagery.PNG.png | | | |

TCEQ
 SOBC, TINA TRAN 
 EPA OSC Philip Rouse 
 TPC EOC Manager Nights

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| ICS 208 - Site Safety Plan | | | | Version Name: 11/28/2019- TPC Staging Update 2 | | | | |
| Incident Name: South 4 Group Fire | | | | Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00] | | | | |
| Applies to Site: Staging - Gate 15 | | | | | | | | |
| Site Characterization | | | | | | | | |
| Water | | Land | | Weather | | | | |
| Wave Height | | Land Use | | Air Temp | | 72 Fahrenheit | | |
| Speed | | | | Wind Speed | | 15 mph | | |
| Direction | | | | Direction | | NNE | | |
| Site Hazards | | | | | | | | |
| Yes | No | Hazards | Yes | No | Hazards | Yes | No | Hazards |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Boat Safety | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire, Explosion, In-situ Burning | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pump Hose |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical Hazards | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Stress | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Slips, Trips, and Falls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Cold Stress | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Helicopter Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Steam and Hot Water |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Confined Spaces | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Lifting | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Trenching/Excavation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Drum Handling | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Motor Vehicles | <input type="checkbox"/> | <input checked="" type="checkbox"/> | UV Radiation |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Equipment Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Noise | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Visibility |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Electrical Operations | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Overhead/Buried Utilities | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Weather |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fatigue | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Plants/Wildlife | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Work Near Water |
| Air Monitoring Limits | | | | | | | | |
| Oxygen Level | | | 1,3-Butadiene | | 0.5ppm 5 min | Nitrogen Dioxide | | 0.2ppm 5 min |
| LEL | | 1% 1 min | Butane | | 500ppm 5min | Particulate Matter | | 351ug/m3 5 min |
| Hydrogen Sulfide | | | Carbon Dioxide | | 5000ppm 5 min | Total VOC | | 5ppm 5min |
| Benzene | | | Carbon Monoxide | | 25ppm 5min | | | |
| Total Hydrocarbons | | | LEL ACTION | | 5% 1 min | | | |
| Engineering Controls | | | | | | | | |
| <input type="checkbox"/> | Source of release secured | | <input type="checkbox"/> | Valve(s) closed | | <input type="checkbox"/> | Energy sources locked/tagged out | |
| <input checked="" type="checkbox"/> | Site secured | | <input checked="" type="checkbox"/> | Facility shut down | | | | |
| Personal Protective Equipment Required | | | | | | | | |
| <input type="checkbox"/> | Impervious suit | | <input checked="" type="checkbox"/> | Hard hats | | <input checked="" type="checkbox"/> | Boots | |
| <input type="checkbox"/> | Inner gloves | | <input checked="" type="checkbox"/> | Respirators | | <input checked="" type="checkbox"/> | SCBA - Fresh Air | |
| <input checked="" type="checkbox"/> | Outer gloves | | <input checked="" type="checkbox"/> | Eye protection | | | | |
| <input checked="" type="checkbox"/> | Flame resistant clothing | | <input type="checkbox"/> | Personal flotation | | | | |
| Additional Control Measures Established | | | | | | | | |
| <input checked="" type="checkbox"/> | Decontamination | | <input checked="" type="checkbox"/> | Illumination | | <input type="checkbox"/> | Additional stations established | |
| <input checked="" type="checkbox"/> | Sanitation | | <input type="checkbox"/> | Medical surveillance | | <input checked="" type="checkbox"/> | Facilities provided | |
| Work Plan | | | | | | | | |
| <input type="checkbox"/> | Booming | | <input type="checkbox"/> | Excavation | | <input type="checkbox"/> | Hot work | |
| <input type="checkbox"/> | Skimming | | <input checked="" type="checkbox"/> | Heavy equipment | | <input type="checkbox"/> | Appropriate permits used | |
| <input type="checkbox"/> | Vac trucks | | <input type="checkbox"/> | Sorbent pads | | | | |
| <input type="checkbox"/> | Pumping | | <input type="checkbox"/> | Patching | | | | |
| ICS 208 - Site Safety Plan | | | | | | | | |
| Prepared By Planning Planning, Updated 11/28/2019 19:48 UTC -6 PP | | | | | | | | |
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| ICS 208 - Site Safety Plan | | | | Version Name: 11/28/2019- TPC Staging Update 2 | | | |
| Incident Name: South 4 Group Fire | | | | Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00] | | | |
| Training | | | | | | | |
| <input checked="" type="checkbox"/> | Verified site workers trained per local/federal regulatory requirements | | | Training Requirements | | Annual Emergency Response Training | |
| Organization | | | | | | | |
| Position | | Name | | Telephone/Radio | | Position | |
| Incident Commander | | McDonald, Scott | | | | Operations Section Chief | |
| Safety Officer | | Clifton, Chrissy | | | | Lynn, Gordon | |
| | | | | | | (b) (6) | |
| Emergency Plan | | | | | | | |
| <input type="checkbox"/> | Fire Prevention Plan | | | <input checked="" type="checkbox"/> | Evacuation Plan | | |
| <input type="checkbox"/> | Alarm System | | | <input checked="" type="checkbox"/> | First Aid Location | | |
| Notifications | | | | | | | |
| Facility | | | | Phone | | | |
| <input checked="" type="checkbox"/> | Hospital | | Medical Center of SETX | 409-853-5900 | <input checked="" type="checkbox"/> | Fire | |
| | | | | | | Port Neches Fire Department | |
| <input checked="" type="checkbox"/> | Ambulance | | Acadian Ambulance | 800-259-1111 | <input type="checkbox"/> | Law Enforcement | |
| | | | | | | | |
| <input checked="" type="checkbox"/> | Air Ambulance | | Southeast Texas Air Rescue | | <input type="checkbox"/> | Emergency Response/Rescue | |
| | | | | | | | |
| Initial Briefing | | | | | | | |
| <input type="checkbox"/> | Initial safety briefing prepared for each site | | | | | | |
| <p>EPA OSC Philip Rouse </p> <p>SOSC, TCEQ TINA TRAN </p> <p>TPC EOC Manager </p> | | | | | | | |
| ICS 208 - Site Safety Plan | | | | Prepared By Planning Planning, Updated 11/28/2019 19:48 UTC -6 PP | | | |
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ICS 208 - Site Safety Plan

Version Name: 11/28/19-Site Safety Plan

Incident Name: South 4 Group Fire

Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00]

Applies to Site: Onsite

Site Characterization

| | | |
|--------------|-------------|------------------------|
| Water | Land | Weather |
| Wave Height | Land Use | Air Temp 72 Fahrenheit |
| Speed | | Wind Speed 15 mph |
| Direction | | Direction NNE |

Site Hazards

| Yes | No | Hazards | Yes | No | Hazards | Yes | No | Hazards |
|-------------------------------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|---------------------------|-------------------------------------|-------------------------------------|----------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Boat Safety | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Stress | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Steam and Hot Water |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical Hazards | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Helicopter Operations | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Trenching/Excavation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Cold Stress | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Lifting | <input type="checkbox"/> | <input checked="" type="checkbox"/> | UV Radiation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Confined Spaces | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Motor Vehicles | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Visibility |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Drum Handling | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Noise | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Weather |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Equipment Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Overhead/Buried Utilities | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Work Near Water |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Electrical Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Plants/Wildlife | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Nuclear Sources |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fatigue | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pump Hose | | | |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire, Explosion, In-situ Burning | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Slips, Trips, and Falls | | | |

Air Monitoring Limits

| | | | | | |
|--------------------|--------------|-----------------|---------------|--------------------|----------------|
| Oxygen Level | | 1,3-Butadiene | 0.5ppm 5 min | Nitrogen Dioxide | 0.2ppm 5 min |
| LEL | 1% 1 min | Butane | 500ppm 5 min | Particulate Matter | 351ug/m3 5 min |
| Hydrogen Sulfide | | Carbon Dioxide | 5000ppm 5 min | Total VOCs | 0.5ppm 5 min |
| Benzene | 0.5ppm 5 min | Carbon Monoxide | 25ppm 5 min | | |
| Total Hydrocarbons | | LEL (action) | 5% 1 min | | |

Engineering Controls

| | | | | | |
|-------------------------------------|---------------------------|-------------------------------------|--------------------|--------------------------|----------------------------------|
| <input type="checkbox"/> | Source of release secured | <input type="checkbox"/> | Valve(s) closed | <input type="checkbox"/> | Energy sources locked/tagged out |
| <input checked="" type="checkbox"/> | Site secured | <input checked="" type="checkbox"/> | Facility shut down | | |

Personal Protective Equipment Required

| | | | | | |
|-------------------------------------|--------------------------|-------------------------------------|--------------------|-------------------------------------|------------------|
| <input type="checkbox"/> | Impervious suit | <input checked="" type="checkbox"/> | Hard hats | <input checked="" type="checkbox"/> | Boots |
| <input type="checkbox"/> | Inner gloves | <input checked="" type="checkbox"/> | Respirators | <input checked="" type="checkbox"/> | Bunker Gear |
| <input checked="" type="checkbox"/> | Outer gloves | <input checked="" type="checkbox"/> | Eye protection | <input checked="" type="checkbox"/> | SCBA - Fresh Air |
| <input checked="" type="checkbox"/> | Flame resistant clothing | <input type="checkbox"/> | Personal flotation | | |

Additional Control Measures Established

| | | | | | |
|-------------------------------------|-----------------|-------------------------------------|----------------------|-------------------------------------|---------------------------------|
| <input checked="" type="checkbox"/> | Decontamination | <input checked="" type="checkbox"/> | Illumination | <input type="checkbox"/> | Additional stations established |
| <input checked="" type="checkbox"/> | Sanitation | <input type="checkbox"/> | Medical surveillance | <input checked="" type="checkbox"/> | Facilities provided |

Work Plan

| | | | | | |
|-------------------------------------|------------|-------------------------------------|-----------------|--------------------------|--------------------------|
| <input checked="" type="checkbox"/> | Booming | <input type="checkbox"/> | Excavation | <input type="checkbox"/> | Hot work |
| <input checked="" type="checkbox"/> | Skimming | <input checked="" type="checkbox"/> | Heavy equipment | <input type="checkbox"/> | Appropriate permits used |
| <input checked="" type="checkbox"/> | Vac trucks | <input type="checkbox"/> | Sorbent pads | | |
| <input checked="" type="checkbox"/> | Pumping | <input type="checkbox"/> | Patching | | |

ICS 208 - Site Safety Plan

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ICS 208 - Site Safety Plan

Version Name: Staging Gate #6

Incident Name: South 4 Group Fire

Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00]

Applies to Site: Staging - Gate 6

Site Characterization

| | | |
|--------------------|-----------------|-------------------------------|
| Water | Land | Weather |
| Wave Height | Land Use | Air Temp 72 Fahrenheit |
| Speed | | Wind Speed 15 mph |
| Direction | | Direction NNE |

Site Hazards

| Yes | No | Hazards | Yes | No | Hazards | Yes | No | Hazards |
|-------------------------------------|-------------------------------------|-----------------------|-------------------------------------|-------------------------------------|----------------------------------|-------------------------------------|-------------------------------------|-------------------------|
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Boat Safety | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fire, Explosion, In-situ Burning | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Pump Hose |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Chemical Hazards | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Heat Stress | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Slips, Trips, and Falls |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Cold Stress | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Helicopter Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Steam and Hot Water |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Confined Spaces | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Lifting | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Trenching/Excavation |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Drum Handling | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Motor Vehicles | <input type="checkbox"/> | <input checked="" type="checkbox"/> | UV Radiation |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Equipment Operations | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Noise | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Visibility |
| <input type="checkbox"/> | <input checked="" type="checkbox"/> | Electrical Operations | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Overhead/Buried Utilities | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Weather |
| <input checked="" type="checkbox"/> | <input type="checkbox"/> | Fatigue | <input checked="" type="checkbox"/> | <input type="checkbox"/> | Plants/Wildlife | <input type="checkbox"/> | <input checked="" type="checkbox"/> | Work Near Water |

Air Monitoring Limits

| | | | | | |
|--------------------|----------|-----------------|---------------|--------------------|----------------|
| Oxygen Level | | 1,3-Butadiene | 0.5ppm 5 min | Nitrogen Dioxide | 0.2ppm 5 min |
| LEL | 1% 1 min | Butane | 500ppm 5min | Particulate Matter | 351ug/m3 5 min |
| Hydrogen Sulfide | | Carbon Dioxide | 5000ppm 5 min | Total VOC | 5ppm 5min |
| Benzene | | Carbon Monoxide | 25ppm 5min | | |
| Total Hydrocarbons | | LEL ACTION | 5% 1 min | | |

Engineering Controls

| | | |
|--|--|---|
| <input type="checkbox"/> Source of release secured | <input type="checkbox"/> Valve(s) closed | <input type="checkbox"/> Energy sources locked/tagged out |
| <input checked="" type="checkbox"/> Site secured | <input checked="" type="checkbox"/> Facility shut down | |

Personal Protective Equipment Required

| | | |
|--|--|--|
| <input type="checkbox"/> Impervious suit | <input checked="" type="checkbox"/> Hard hats | <input checked="" type="checkbox"/> Boots |
| <input type="checkbox"/> Inner gloves | <input checked="" type="checkbox"/> Respirators | <input checked="" type="checkbox"/> SCBA - Fresh Air (as needed) |
| <input checked="" type="checkbox"/> Outer gloves | <input checked="" type="checkbox"/> Eye protection | |
| <input checked="" type="checkbox"/> Flame resistant clothing | <input type="checkbox"/> Personal flotation | |

Additional Control Measures Established

| | | |
|---|--|--|
| <input checked="" type="checkbox"/> Decontamination | <input checked="" type="checkbox"/> Illumination | <input type="checkbox"/> Additional stations established |
| <input checked="" type="checkbox"/> Sanitation | <input type="checkbox"/> Medical surveillance | <input checked="" type="checkbox"/> Facilities provided |

Work Plan

| | | |
|-------------------------------------|---|---|
| <input type="checkbox"/> Booming | <input type="checkbox"/> Excavation | <input type="checkbox"/> Hot work |
| <input type="checkbox"/> Skimming | <input checked="" type="checkbox"/> Heavy equipment | <input type="checkbox"/> Appropriate permits used |
| <input type="checkbox"/> Vac trucks | <input type="checkbox"/> Sorbent pads | |
| <input type="checkbox"/> Pumping | <input type="checkbox"/> Patching | |

ICS 208 - Site Safety Plan

Prepared By Planning Planning, Updated 11/28/2019 20:09 UTC -6 PP

INCIDENT ACTION PLAN SOFTWARE™

Printed 11/28/2019 20:11 UTC -6:00

1 of 2

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ICS 208 - Site Safety Plan

Version Name: Staging Gate #6

Incident Name: South 4 Group Fire

Period: Initial Response [11/29/2019 06:00 - 11/30/2019 06:00]

Training

☒ Verified site workers trained per local/federal regulatory requirements

Training Requirements Annual Emergency Response Training

Organization

| Position | Name | Telephone/Radio | Position | Name | Telephone/Radio |
|--------------------|------------------|-----------------|--------------------------|--------------|-----------------|
| Incident Commander | McDonald, Scott | | Operations Section Chief | Lynn, Gordon | (b) (6) |
| Safety Officer | Clifton, Chrissy | | | | |

Emergency Plan

☐ Fire Prevention Plan

☒ Evacuation Plan

☐ Alarm System

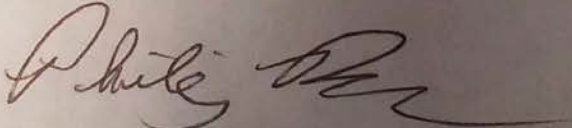
☒ First Aid Location


Notifications

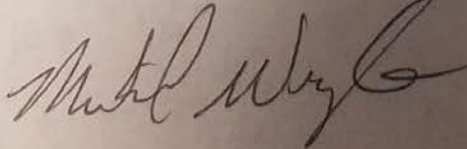
| Facility | Phone | Facility | Phone |
|---|--------------|---|--------------|
| <input checked="" type="checkbox"/> Hospital Medical Center of SETX | 409-853-5900 | <input checked="" type="checkbox"/> Fire Port Neches Fire Department | 409-853-5900 |
| <input checked="" type="checkbox"/> Ambulance Acadian Ambulance | 800-259-1111 | <input type="checkbox"/> Law Enforcement | |
| <input checked="" type="checkbox"/> Air Ambulance Southeast Texas Air Rescue | | <input type="checkbox"/> Emergency Response/Rescue | |

Initial Briefing

☐ Initial safety briefing prepared for each site

EPA OSC Philip Rouse 

^{TCER}
SOSC TINA TRAN 

TPL EOC Manager 

| ICS 220 - Air Operations Summary | | | | Version Name: 20191130 | | |
|---|--|------------------------------------|-----------------------|--|---------------------------|------------------|
| Incident Name: South 4 Group Fire | | | | Period: Period 2 [11/30/2019 06:00 - 12/01/2019 06:00] | | |
| Sunrise | | Sunset | | Ready Alert Aircraft | | |
| 11/30/2019 06:52 | | 11/30/2019 17:16 | | Medivac | | |
| Remarks (safety notes, hazards, air operations special equipment, etc) | | | | New Incident | | |
| <p>Operations to assist response personnel utilizing thermal and visual imagery at the incident site to determine tactics and assist in response planning.</p> <p>Heed all directions from emergency responders. Consider selection of take off and landing sites due to number of power lines IVO incident location. Keep continuous observation on smoke plume and egress/redeploy as conditions warrant.</p> | | | | Temporary Flight Restriction Number | | |
| | | | | Altitude 400 | | |
| | | | | Center Point 29.976815, -93.947531 | | |
| | | | | Frequencies | | |
| | | | | Frequency / Function | AM | FM |
| Personnel | | | | | | |
| Position | Name | Phone | | | | |
| Air Ops Branch Director | Coleman, Bob | 832-493-1485 | | | | |
| Visual Observer | Lindsey, David | (b) (6) | | | | |
| Helicopters | | | | | | |
| FAA N# | Category | Make/Model | Base | Available | Start | Remarks |
| FA3WNXXPCY | sUAV | Phantom 4 Pro V2 | Incident Command Post | 11/28/2019 06:00 | 11/28/2019 07:00 | PIC - B. Coleman |
| FA3HCFMKEH | sUAV | Matrice 210v2 RTK | Incident Command Post | 11/29/2019 06:00 | 11/29/2019 06:00 | |
| FA34CL9AA3 | sUAV | Matrice M600 | Incident Command Post | 11/29/2019 06:00 | 11/29/2019 06:00 | |
| Task / Mission / Assignment | | | | | | |
| Function | Name of Personnel or Cargo or Instructions for Tactical Aircraft | | Mission Start | Fly To | Fly From | |
| Aerial Observation | Aerial Observation and imagery capture of incident location. | | 11/28/2019 07:00 | Incident Location | Recommended Safe Distance | |
| | | | | | | |
| ICS 220 - Air Operations Summary | | | | Prepared By Bob Coleman, Updated 11/29/2019 18:42 UTC -6:00 PP | | |
| INCIDENT ACTION PLAN SOFTWARE™ | | Printed 11/29/2019 19:03 UTC -6:00 | | 26 of 26 | | © TRG |